

Works Manager's Department
P O Box 179, Marietta, Ohio
August 9, 1965

TO Messrs R L Folkman
A H Soeder

CC Messrs P C Fournery
L J LaFrance
J Winterhaler

Subject Columbium Oxide - Dust Collection System

RECEIVED

AUG 12 1965

INDUSTRIAL MEDICINE &
TOXICOLOGY DEPARTMENT

Mr LaFrance's letter of July 8, 1965, conversations with the Niagara County Health Department, and the recent proposal of \$100,000 for Capital funds for the installation of dust collection equipment on the furnace processing Araxa columbium ore bring the documented portion of this subject up to date Mr Folkman, by telephone on August 6, indicated production of FeCb in the future would use as a base either Araxa, Congo, or other ore which would contain thorium or other radioactive oxides Mr LaFrance, by telephone August 9, indicated that in order to conform with New York State regulations, dust collection equipment would be required, and he will write a letter stating that if we are to process radioactive bearing ores, satisfactory equipment must be installed

There are three basic justifications for the installation of this equipment which can be utilized to determine the economic evaluation of this proposed expenditure

- 1 The total or partial ore stocks available to support the current level of this operation, at the current price, contain radioactive oxides which require the dust collector The justification is based upon the protection of present markets and the profit on this market
- 2 The use of internal or lower priced ores which contain radioactive oxides The justification is based upon a savings in the price of ore or internal profit
- 3 The expansion in the columbium market which can only be done through the use of ores containing radioactive oxides

Mr Folkman must supply the figures necessary to calculate the justification for this expenditure and I would request that he supply the figures as quickly as possible I would also request that he supply the concentration of the radioactive oxides contained in the ores he is considering for purchase so we can be sure our proposed equipment will be adequate It is to be recognized that many columbium ores are associated with a radioactive oxide

Mr Soeder should, as quickly as possible, obtain a final proposal for this installation Mr Folkman has indicated that the installation can be readily justified and that, in fact some of the ores containing radioactive oxides may start to arrive

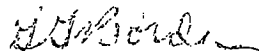
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for processing early in 1966 I would assume this proposal would be included in the 1966 Working Budget Prior to final approval of this expenditure, approval must be obtained from the New York State Health Department of the proposed installation

I would appreciate it if both Messrs Folkman and Soeder would let me know when they would expect to complete their part of this capital expenditure request



G G Borden

GGB fae